

UNITED STATES MARINE CORPS  
Marine Corps Base  
PSC Box 20004  
Camp Lejeune, North Carolina 28542-0004

6287  
BEMD

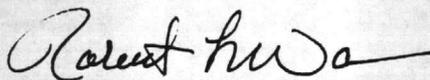
**MEMORANDUM**

From: Assistant Chief of Staff, Environmental Management  
To: Assistant Chief of Staff, Facilities (PWO-Attn: Junior Johnson)

Subj: REQUEST FOR CONTRACTING ACTION ON UST DRUM REMOVAL

Encl: (1) General Guidelines for UST Drum Removal

1. Request you secure a contract to dispose of approximately 281 drums located at Lot 140 that contain hydrocarbon-contaminated soil and groundwater. The drum contents were generated during investigations conducted for the Underground Storage Tank (UST) Program. Request the work be conducted according to the enclosed general guidelines.
2. It is our wish to work closely with your office and the contractor during the execution phase to ensure strict performance and quality of deliverables.
3. Funding for this project will be made available upon completion of the government cost estimate. Our point of contact for this project is Mr. Mark Spangler, Installation Restoration Division, Environmental Management Department, at extension 5068.



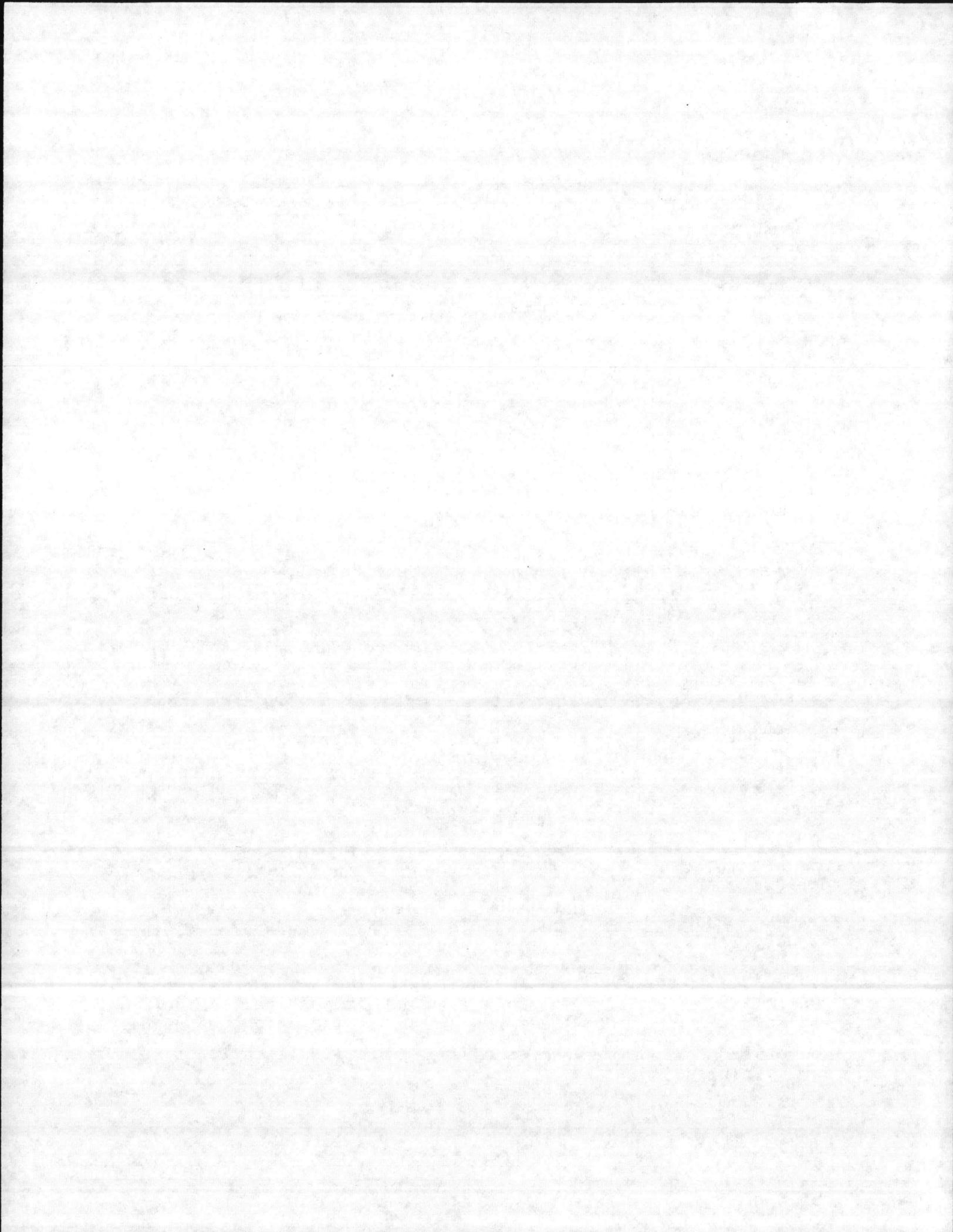
ROBERT L. WARREN



## General Guidelines for UST Drum Removal

Ref: Groundwater Section Guidelines For The Investigation and Remediation of Soils and Groundwater, March 1993, revised June 1993, by North Carolina Department of Environment, Health, and Natural Resources, Division of Environmental Management, Groundwater Section.

1. Assume contents of all drums were generated during investigations of sites involving used/waste oil tanks.
2. Divide contents of all drums into four accumulation categories as follows:
  - a. Potentially hazardous waste-contaminated soil.
  - b. Potentially hazardous waste-contaminated water.
  - c. Petroleum-contaminated soil.
  - d. Petroleum-contaminated water.
3. The contents of drums from S889-S891 (25 soil, 12 water), Camp Geiger (60 soil, 0 water), and Gottschalk Marina (15 soil, 10 water) should be in potentially hazardous waste-contaminated soil and water categories.
4. The contents of drums from Camp Johnson (19 soil, 0 water), TT-2478 (10 soil, 3 water), Building 45 (40 soil, 12 water), and Building 21 (44 soil, 31 water) should be in petroleum-contaminated soil and water categories.
5. Empty standing water out of all drums into as many accumulation tanks as are necessary.
6. Empty sludge and soil out of all drums into as many accumulation roll-offs as are necessary.
7. Take one composite soil sample per 200 cubic yards of each soil accumulation category in accordance with (IAW) reference, sections 9.3 and 9.4.
8. Take one composite water sample from each water accumulation category IAW reference, section 13.0.
9. The government should not require particular disposal/remediation techniques, analyses methods, or permits. Rather, allow each bidder to bid based on his own remediation technique, the analyses required by his permit, the nature of each accumulation category, and the various contingencies of analyses results, including:



a. For soil:

1) hazardous waste per 40 CFR 261, requiring disposal off-base in accordance with all federal, state, and local regulations.

2) non-hazardous waste, allowing disposal:

a) as base landfill cap material if total petroleum hydrocarbon levels are low enough, or

b) off base in accordance with all federal, state, and local regulations.

b. For water:

1) hazardous waste per 40 CFR 261, requiring disposal off-base in accordance with all federal, state, and local regulations.

2) non-hazardous waste, allowing disposal either in the oil/water separator behind Building 913 or in a waste water treatment plant aeration pond.

10. Triple rinse all empty drums at the wash rack facility behind Building 913. Drain drums and label with the words "Triple Rinsed". Notify Resource Conservation and Recovery Branch (EMD) personnel at extension 1482 to make arrangements for turn-in to Building 962 for subsequent destruction or reuse by EMD.

